

These people became more oriented towards the exploitation of the coastal environment. They began making pottery, burning sea mammal oil in lamps, and polishing slate (Dumond 1977:158).

Increased exploitation and dependence upon the marine environment led to the development of the Thule tradition around the middle of the first millenium A.D. These people made elaborately ornamented tools from bone and ivory. They also emphasized the use of polished slate (Dumond 1977:158).

Cape Nome, a large multi-component prehistoric village partially excavated by John Bockstoe, lies in a transitional zone bordering two regions of different ecological character (Bockstoe 1979:89). The deeper waters of Bering Strait, to the west, supported an abundance of large and small sea mammals. Most groups known to have occupied this region appear to have based their subsistence strategy upon the exploitation of sea mammals (Bockstoe 1979:89). Norton Sound, to the east, is shallower and does not support large numbers of the larger sea mammals. It does, however, offer large summer runs of salmon. The native people living along the coast of Norton Sound traditionally relied, therefore, more upon the exploitation of a combination of resources (caribou, fish, and seals) than did those closer to Bering Strait (Ray 1983:183).

It is not surprising to find, based upon the successful exploitation of sea mammals by early peoples, that numerous archaeological sites are found along the coastline of the Seward Peninsula. Inland sites, such as Trail Creek, likely represent temporary hunting sites. Exploitation of caribou is less important in later times perhaps because the coastal people were able to more effectively exploit the sea mammal resources (Bockstoe 1973:794, 797).

Typically, the settlement pattern in this region tended toward large permanent villages with small adjunct settlements located nearby. Most permanent and semi-permanent settlements appear to have been located on the coast at river mouths, although some were located inland along major rivers. More temporary settlements could be located along small streams or strategic hunting locations in the interior. This region was characterized by the diversity of its resource base: sea mammals, caribou, and fish. The annual and seasonal availability of the resources and the alternatives chosen were the primary determinates of site location (Burch 1981:37-42; Ray 1964:61-62).

Previous Archaeological Research in the Region

Excavations at Trail Creek in 1949 and 1950 by Larsen resulted in the tentative identification of an ornamented bone point with a slot for a side blade which likely predates the Denbigh Flint Complex (Larsen 1968:13-16, 71). Difficulty with this interpretation exists due to the disturbed nature of the stratigraphic conditions encountered during the excavations. The deposits were best described as irregular and difficult to differentiate (Larsen 1968:64-65). Also found at Trail Creek were side blades and projectile points of the Denbigh Flint Complex along with artifacts displaying characteristics associated with both the Denbigh Flint Complex and the later Near Ipuitak culture (Larsen 1968:68). Western Thule cultural remains were also recovered by Larsen.

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BIBLIOGRAPHY AND INDEX OF ALASKA GRAVITY DATA

By

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THIS REPORT HAS NOT BEEN REVIEWED FOR
TECHNICAL CONTENT (EXCEPT AS NOTED IN
TEXT) OR FOR CONFORMITY TO THE
EDITORIAL STANDARDS OF DGGS.

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EXPLANATION

This bibliography lists references on Alaskan gravity data through October, 1985. The references were compiled from published bibliographies by Edward Cobb, unpublished monthly bibliographies compiled by Ellen White (Alaska Technical Data Unit, U.S. Geological Survey), USGS GP-913, A.D.G.C.S. bibliographies, and the publication record of David F. Barnes (Branch of Geophysics, U.S. Geological Survey).

The report contains 3 sections: 1) References, 2) Author index, and 3) Quadrangle index. The reference section consists of a complete bibliographic citation in alphabetical order by first author. The author and quadrangle indexes contain abbreviated (author, date and title) one-line references. The quadrangle index is sorted by 1:250,000 scale quadrangles (see figure 1) and includes a general category (gravity references pertinent to the entire state of Alaska) and an off-shore category.

This bibliography will be ammended or updated as necessary.

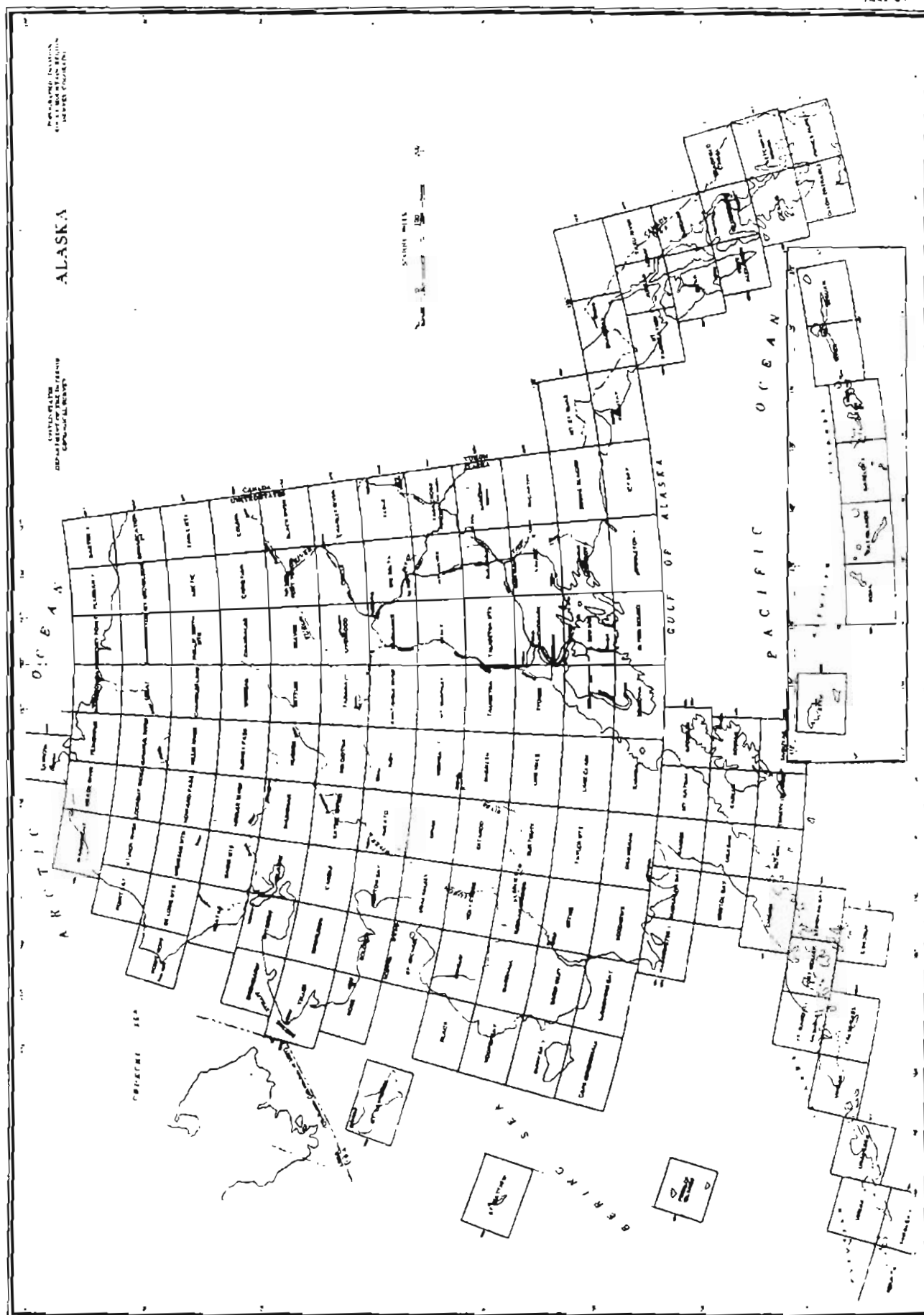


Figure 1. Quadrangle index of Alaska.

TABLE OF CONTENTS

EXPLANATION-----	i
REFERENCES-----	1
AUTHOR INDEX-----	11
QUADRANGLE INDEX	
Adak-----	23
Afognak-----	23
Ambler River-----	23
Anchorage-----	23
Arctic-----	23
Atlin-----	23
Baird Inlet-----	23
Baird Mts.-----	23
Barrow-----	24
Barter Island-----	24
Beaver-----	24
Beechey Point-----	24
Bendeleben-----	24
Bering Glacier-----	24
Bethel-----	24
Bettles-----	25
Big Delta-----	25
Black-----	25
Black River-----	25
Blying Sound-----	25
Bradfield Canal-----	25
Bristol Bay-----	25
Candle-----	25
Cape Mendenhall-----	25
Chandalar-----	26
Chandler Lake-----	26
Charley River-----	26
Chignik-----	26
Christian-----	26
Circle-----	26
Cold Bay-----	26
Coleen-----	26
Cordova-----	26
Craig-----	27
DeLong Mts-----	27
Demarcation Point-----	27
Dillingham-----	27
Dixon Entrance-----	27
Fairbanks-----	27
False Pass-----	27
Flaxman Island-----	27
Fort Yukon-----	28
Gareloi Island-----	28
GENERAL-----	28
Glacier Bay-----	29
Goodnews-----	29
Gulkana-----	29

TABLE OF CONTENTS

Hagemeister Island-----	29
Harrison Bay-----	29
Healy-----	29
Holy Cross-----	29
Hooper Bay-----	29
Howard Pass-----	29
Hughes-----	30
Icy Bay-----	30
Iditarod-----	30
Ikipuk River-----	30
Iliamna-----	30
Juneau-----	30
Kantishna River-----	30
Karluk-----	30
Kateel River-----	30
Kenai-----	31
Ketchikan-----	31
Killik River-----	31
Kiska-----	31
Kodiak-----	31
Kotzebue-----	31
Kuskokwim Bay-----	31
Kwiguk-----	31
Lake Clark-----	31
Lime Hills-----	31
Livengood-----	32
Lookout Ridge-----	32
Marshall-----	32
McCarthy-----	32
McGrath-----	32
Meade River-----	32
Medfra-----	32
Melozitna-----	32
Middleton Island-----	32
Misheguk Mt.-----	32
Mt. Fairweather-----	33
Mt. Hayes-----	33
Mt. Katmai-----	33
Mt. McKinley-----	33
Mt. Michelson-----	33
Mt. Misheguk-----	33
Mt. St. Elais-----	33
Nabesna-----	33
Naknek-----	34
Noatak-----	34
Nome-----	34
Norton Bay-----	34
Nulato-----	34
Nunivak Island-----	34
Nushagak Bay-----	34
OFFSHORE-----	34
Ophir-----	35
Petersburg-----	35
Phillip Smith Mts.-----	35

TABLE OF CONTENTS

Point Hope-----	36
Point Lay-----	36
Port Alexander-----	36
Port Moller-----	36
Prince Rupert-----	36
Rat Islands-----	36
Ruby-----	36
Russian Mission-----	36
Sagavanirktok-----	36
Selawik-----	37
Seldovia-----	37
Seward-----	37
Shishmaref-----	37
Shungnak-----	37
Simeonof Island-----	37
Sitka-----	37
Skagway-----	38
Sleetmute-----	38
Solomon-----	38
St. Lawrence-----	38
St. Michael-----	38
Stepovak Bay-----	38
Sumdum-----	38
Survey Pass-----	38
Sutwik Island-----	39
Table Mts.-----	39
Taku River-----	39
Talkeetna-----	39
Talkeetna Mts.-----	39
Tanacross-----	39
Tanana-----	39
Taylor Mts.-----	40
Teller-----	40
Teshekpuk-----	40
Tyonek-----	40
Ugashik-----	40
Umiat-----	40
Unalakleet-----	40
Unimak-----	40
Utukok River-----	40
Valdez-----	41
Wainwright-----	41
Wiseman-----	41
Yakutat-----	41

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